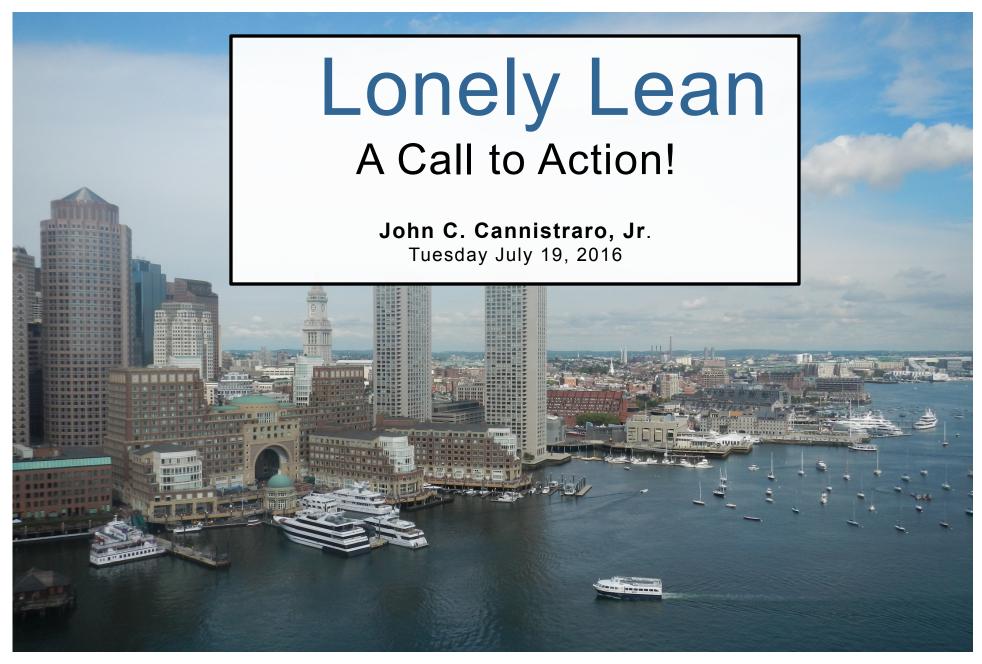
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ATTRIBUTION GUIDELINES

Cannistraro, J.C. (2016). "Lonely Lean – A Call to Action!" Advances in Lean Design & Construction Practice from New England, across the US, and Abroad" full-day event, IGLC-24, July 19, Boston, USA.







About Us

- Family-led since 1963
- 800 Employees
- \$205 Million in Annual Revenue



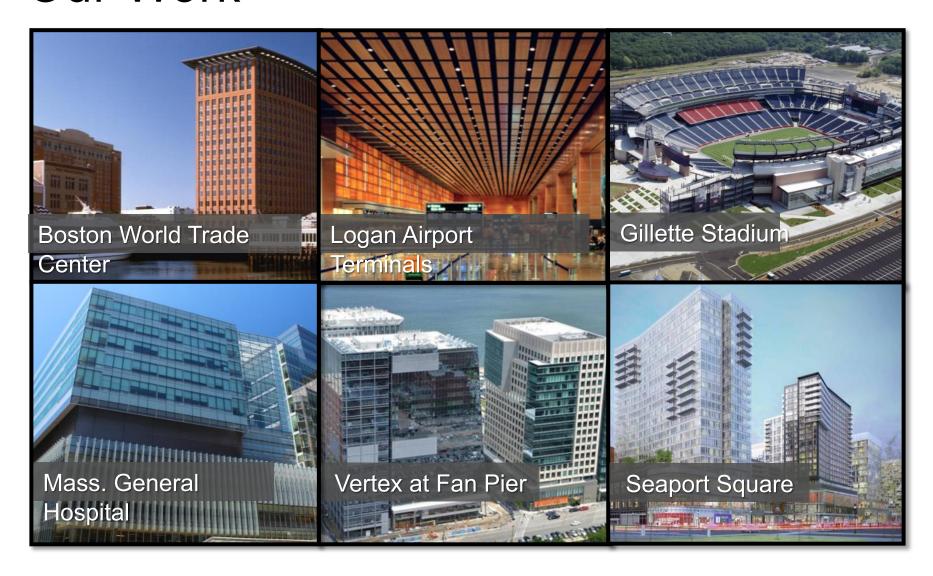






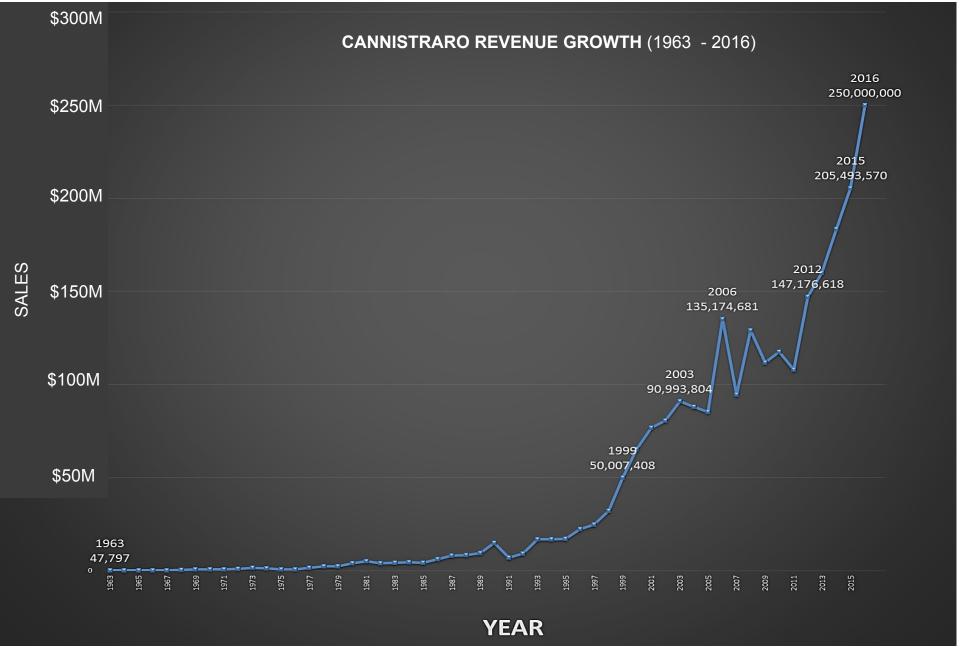


Our Work



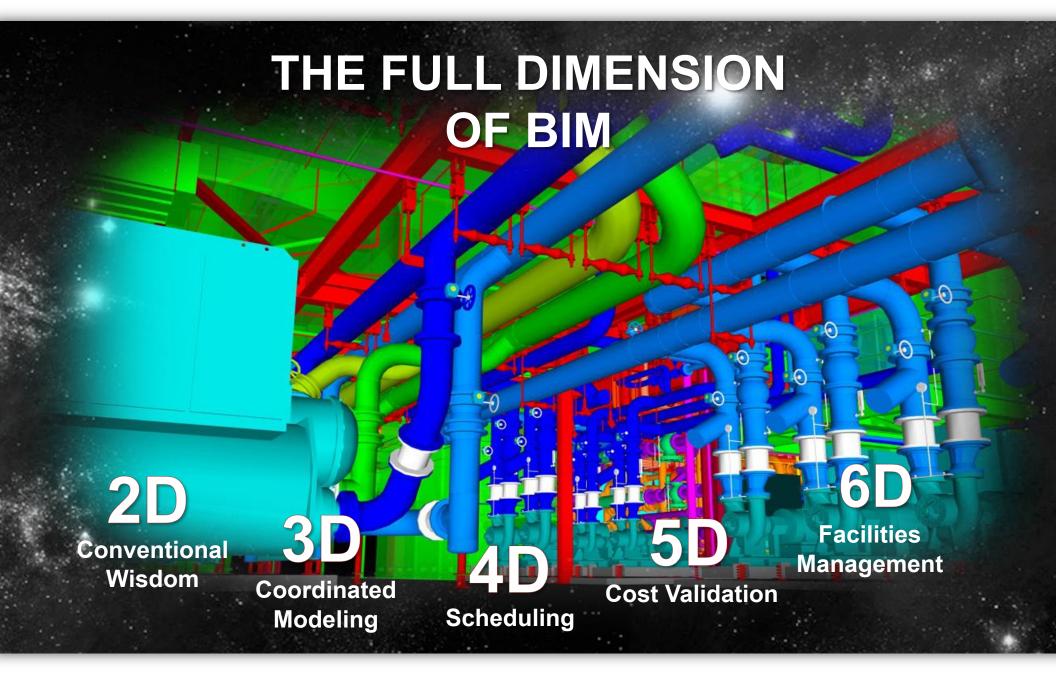






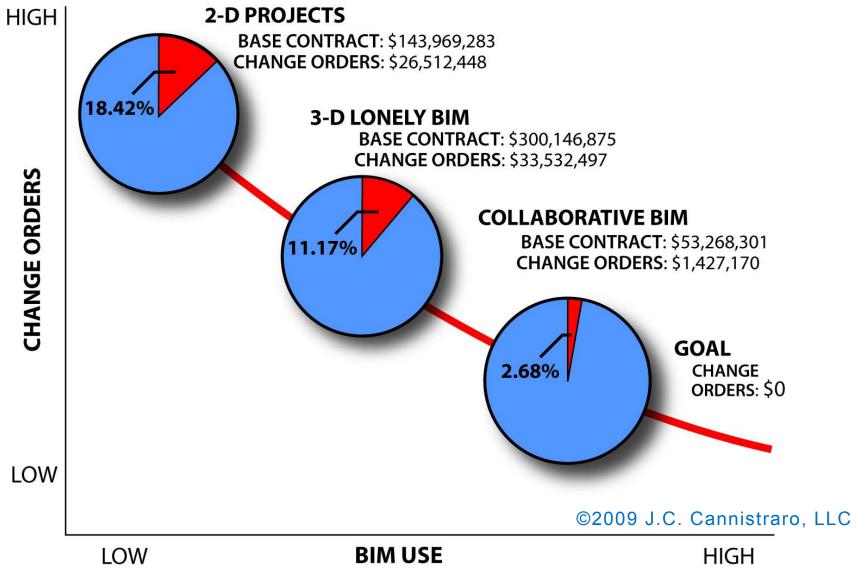








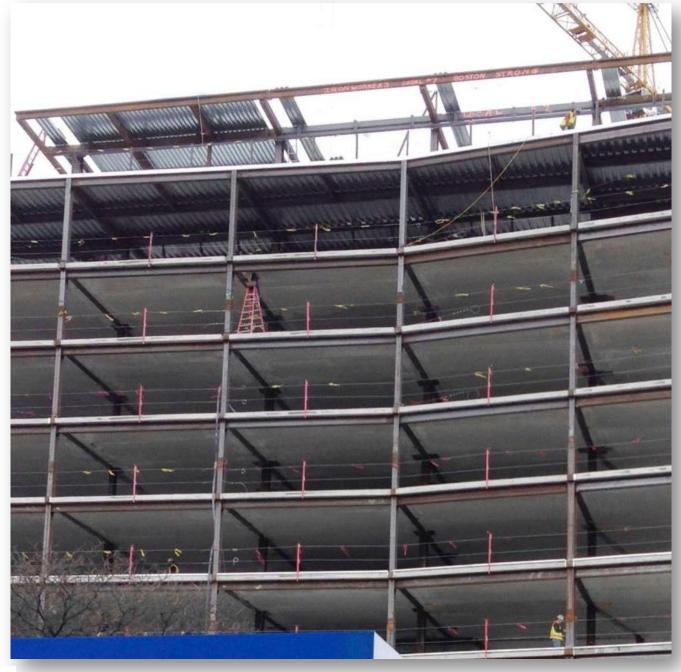
How Much Does BIM Save?





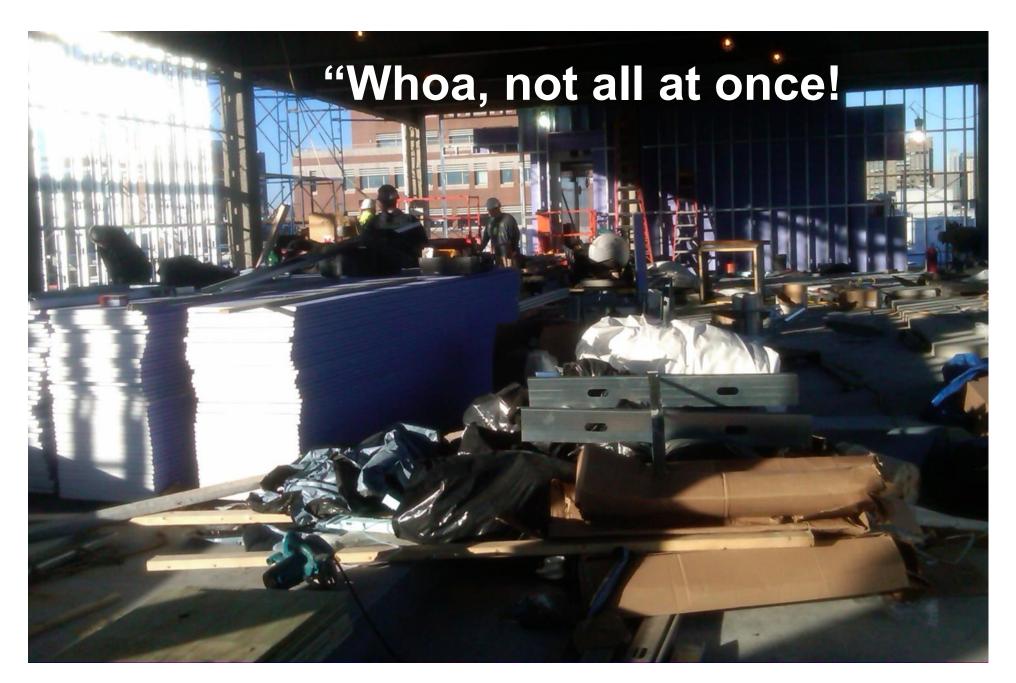


"OK guys, it's time to load the floors..."



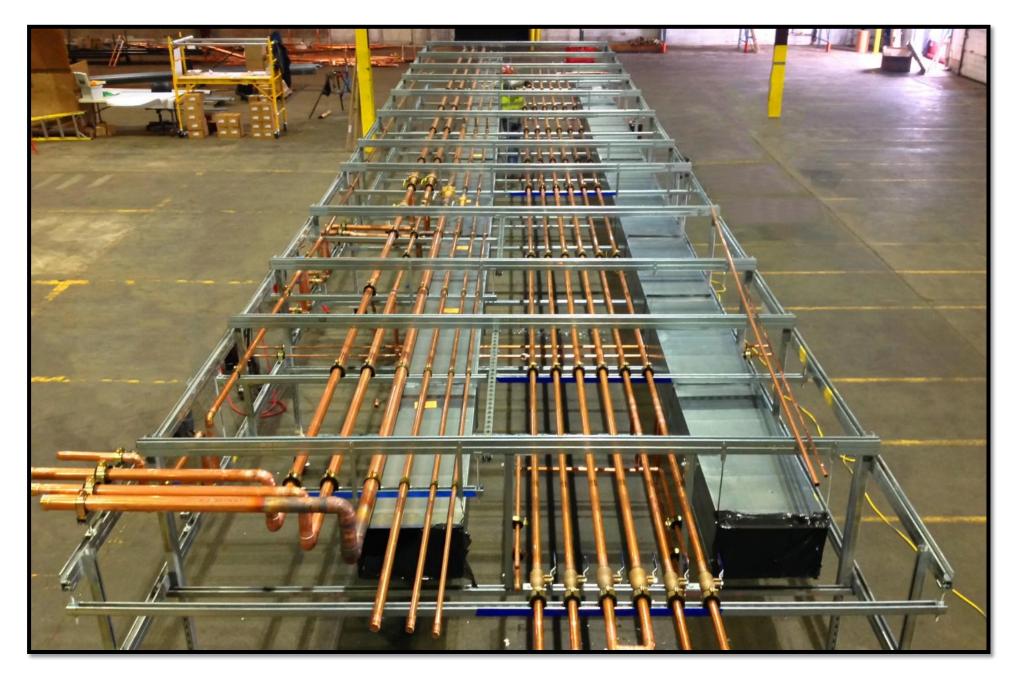


























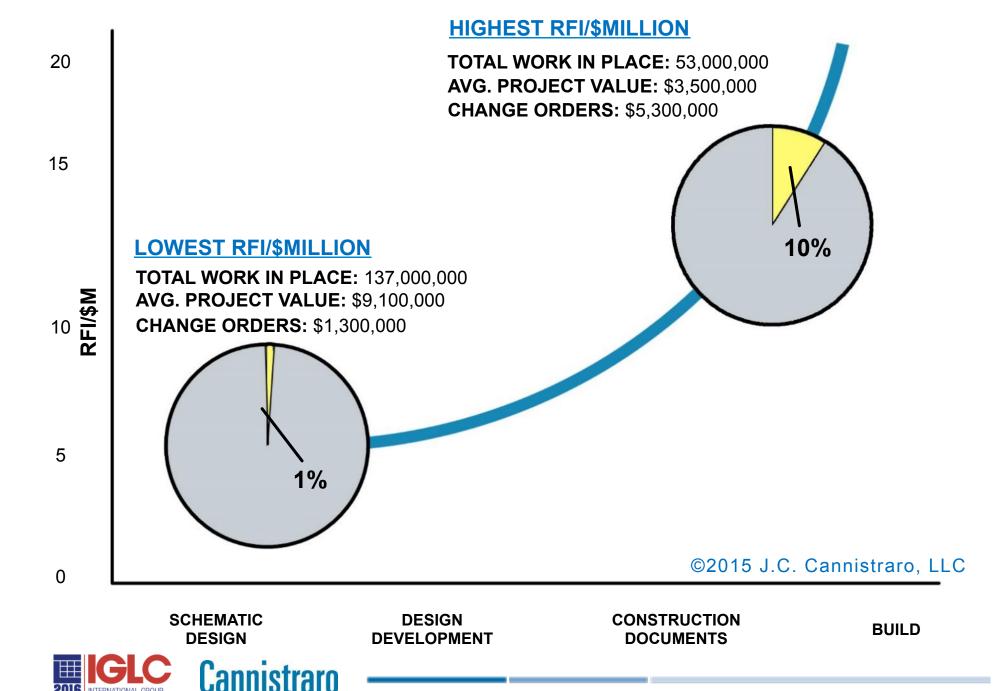
How much Can Lean Construction Save?

- We researched more than 3 years of project data (2012 present) totaling:
 \$380,000,000 & over 2,000
- We focused on a sample of 50 projects, categorized by Highest & Lowest numbers of RFI/\$Million & Change

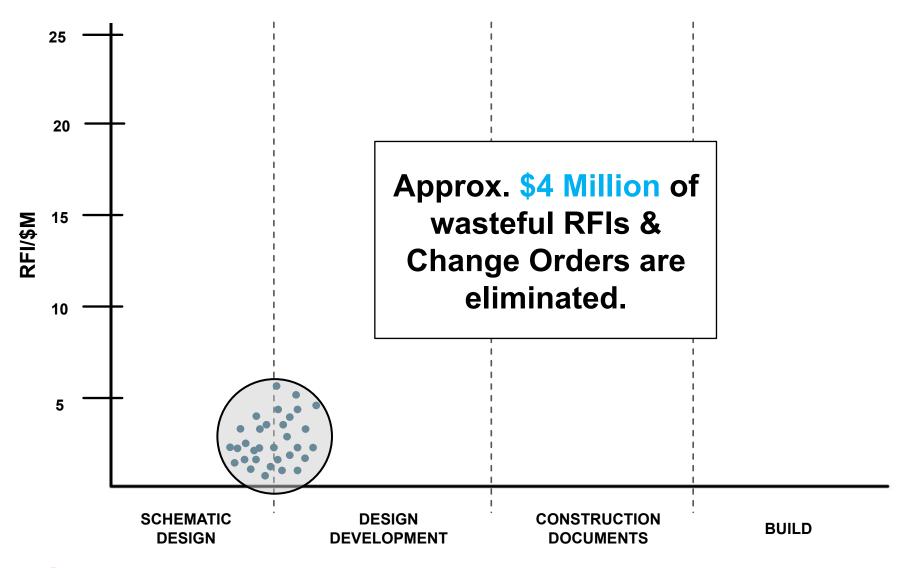
Here's what we learned:





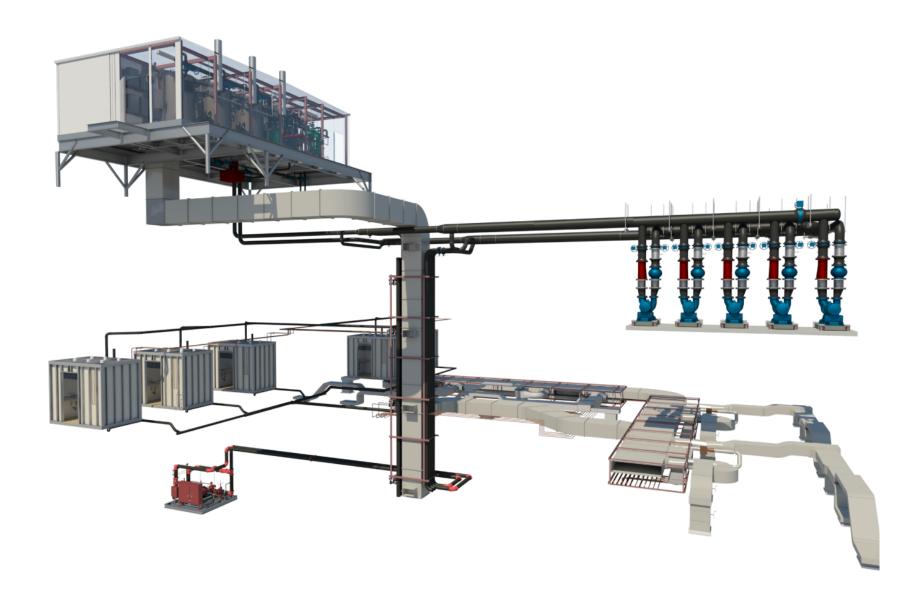


The Sweet Spot for Lean







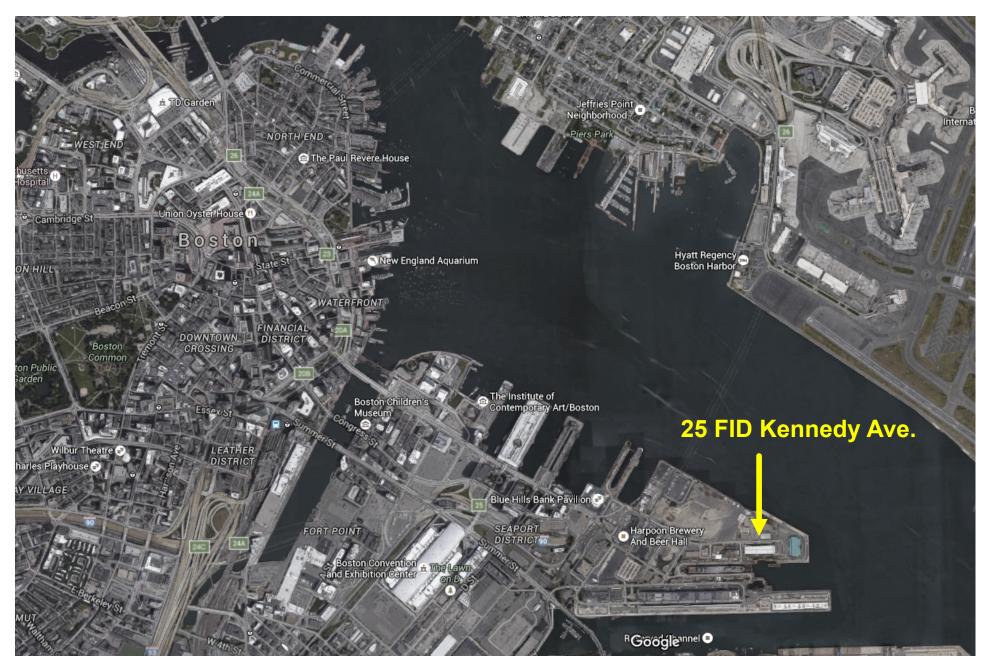




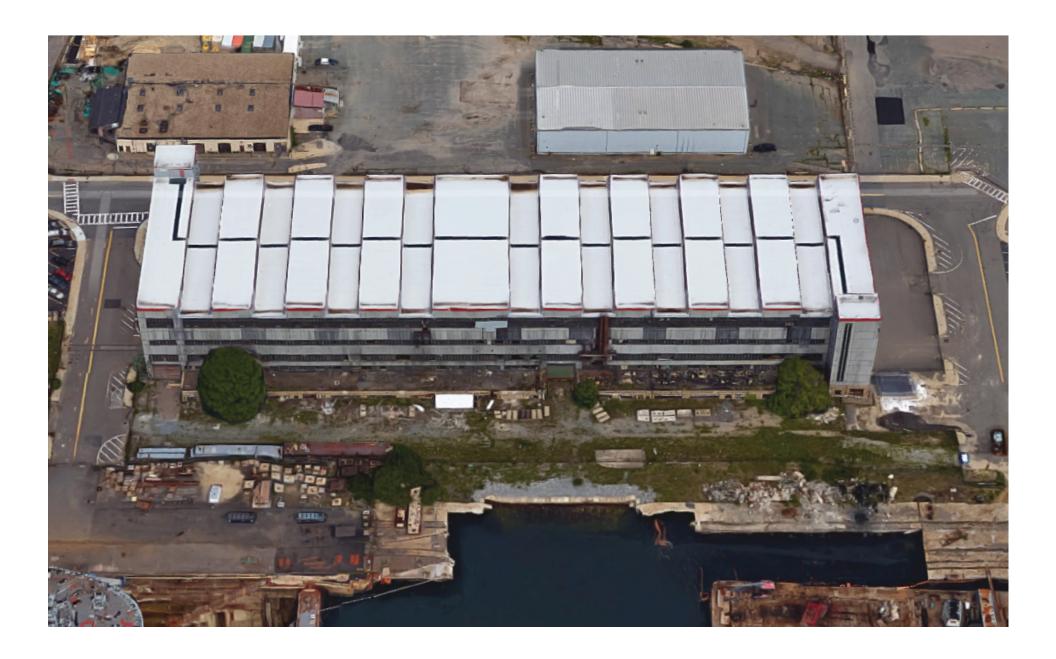














Steps to Accelerate Lean's Learning Curve:

- 1) Declare that the project will performed lean, and be willing to change.
- 2) Hire the project team early (~DD Phase) based on capabilities, then the whole team can perform to the budget.
- 3) Ensure that all trades (including structural, drywall & building envelope) are proficient in BIM and are active throughout the coordination process.
- 4) Require the superintendent's presence for purchasing & schedule discussions with all major trades
- 5) Create an environment where all decisions/changes are communicated to all parties in a timely manner
- 6) Engage Principals to reaffirm their company's commitments, and demand best practices for a safe working environment



